

Petko GmbH: Watch compressed air from a distance

Connection of the compressors to the Internet of Things

„With Telekom, we have a trustworthy partner at our side who handles sensitive, competitive machine data safely and hosts it in Germany in accordance with German data protection.“

Peter Kolbe
Executive director of Petko GmbH

Mitglied der Altec Gruppe.
PETKO GMBH
Innovativer Anlagenservice

More than 500 customers in industry, trade and medicine rely on compressed air technology from Petko GmbH. In future, Petko will monitor compressed air systems with the "Cloud of Things" telecom platform. In this way, abnormalities or errors can be recognized more quickly, and due repairs and upcoming maintenance can be displayed. This speeds up service calls and saves time and money.

Challenge

- Maintenance of a heterogeneous landscape of compressors from different manufacturers
- Failures of compressors in the field should be minimized
- Response times in the event of failures should be minimized by automatic detection of faults
- Maintenance intervals are not adapted to the actual usage
- No current system data available

Solution

- Connection of compressors from different manufacturers to the IoT platform "Cloud of Things"
- Alerting in the event of a malfunction
- Access to the current system parameters via a simple web interface for Petko technicians
- Customer has read access to the parameters of his compressors and alarms
- Maintenance intervals can be optimized based on the actual usage data
- Localization of mobile compressors via GPS
- Connection of the compressors with different IoT devices for the purpose of interfaces and cost optimization

Customer benefit



Increase customer satisfaction

By minimizing downtime



Clear web interface

Widgets enable quick and easy adaptation to the needs of the customer



Lower costs

By adapting the maintenance intervals to the actual use of the compressors



Low complexity

Responsibility for the overall solution by Telekom. A contact person for customers.



Increase in availability

By alarm in the event of a fault and online access to the compressor



Predictable costs

End-to-end monthly solution
Fixed price per compressor